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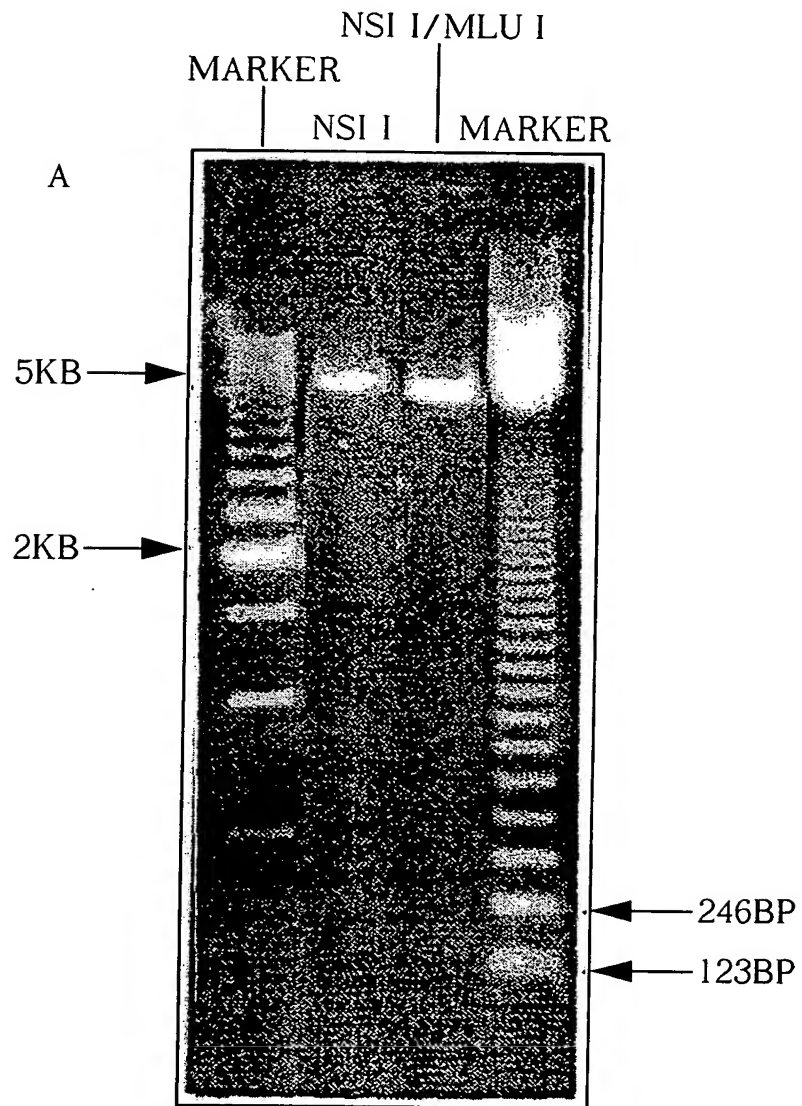


FIG. 1

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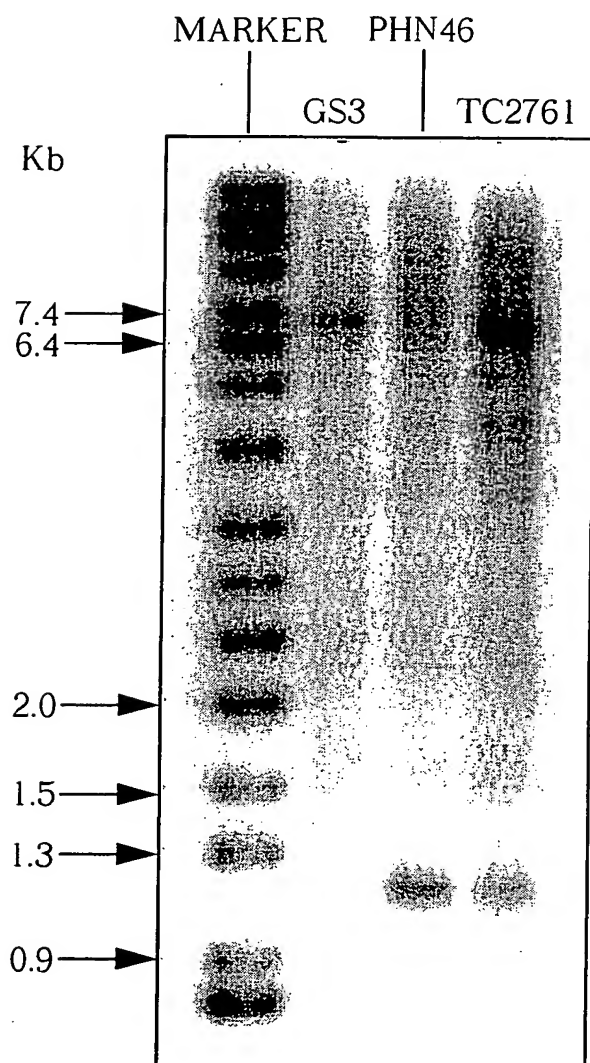


FIG. 2

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| | | |
|----------|------------|---|
| | | ↓ ↓ ↓ |
| CLONE 28 | GGTTTTGTAG | ATTTTAATTT TGGAAAACAG AGAACACGGC TGAACTTTAC |
| GS3 | GGTTTTGTAG | ATTTTAATTT TGGAAAACAG AGAACACGGC TGAACTTTAC |
| PHN46 | GGTTTTGTAG | ATTTGAGTTT TGGAAAACAG AGAACACAGC TGAACTTTAC |
| TC2740 | GGTTTTGTAG | ATTTTAATTT TGGAAAACAG AGAACACGGC TGAACTTTAC |
| | <hr/> | |
| | GGTTTTGTAG | ATTTTAATTT TGGAAAACAG AGAACACGGC TGAACTTTAC |
| | | ↓ |
| CLONE 28 | AAAGGGCTAA | AAATTCAGTT CTGAATTTTC TGAATTCCT TTTTGAAGTT |
| GS3 | AAAGGGCTAA | AAATTCAGTT CTGAATTTTC TGAATTCCT TTTTG |
| PHN46 | AAAGGGCTAA | AAATTCAGTT CTGAATTTTC TGAATTTCCC TTTTGAAGTT |
| TC2740 | AAAGGGCTAA | AAATTCAGTT CTGAATTTTC TGAATTCCT TTTTGAAGTT |
| | <hr/> | |
| | AAAGGGCTAA | AAATTCAGTT CTGAATTTTC TGAATTCCT TTTTGAAGTT |
| | | ↓ ↓ |
| CLONE 28 | TAGCTTCAAG | GGTCTTTTGG AGAATTTTGC AAAGCTTTGC TGATCAAAC |
| PHN46 | TAGCTTCAAC | GGTCCTT |
| TC2740 | TAGCTTCAAG | GGTCTTTTGG AGAATTTTGC AAAGCTTTGC TGATCAAAC |
| | <hr/> | |
| | TAGCTTCAAG | GGTCTTTTGG AGAATTTTGC AAAGCTTTGC TGATCAAAC |

Fig. 3

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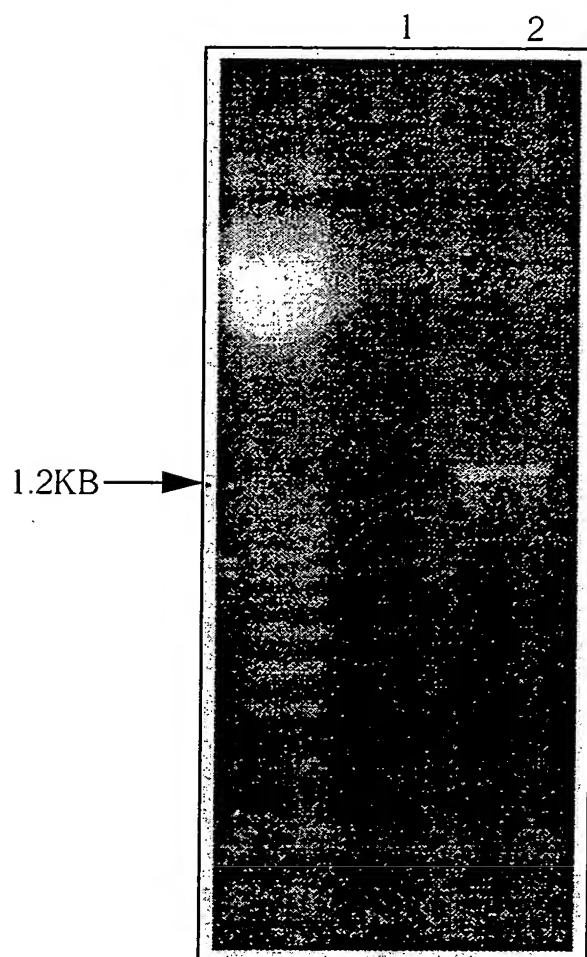


FIG. 4A

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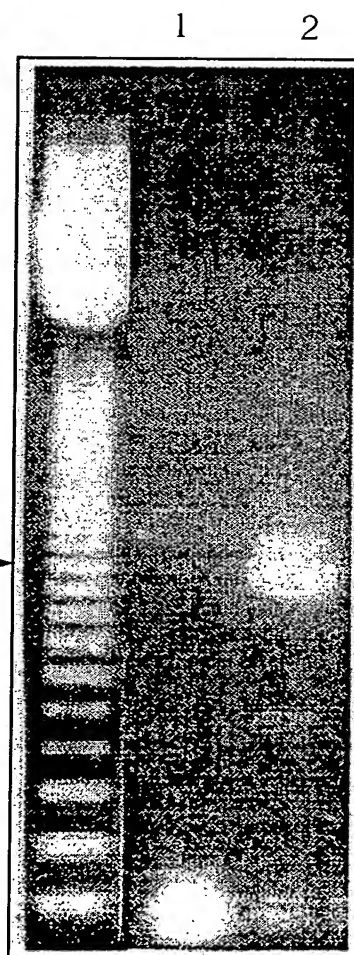


FIG. 4B

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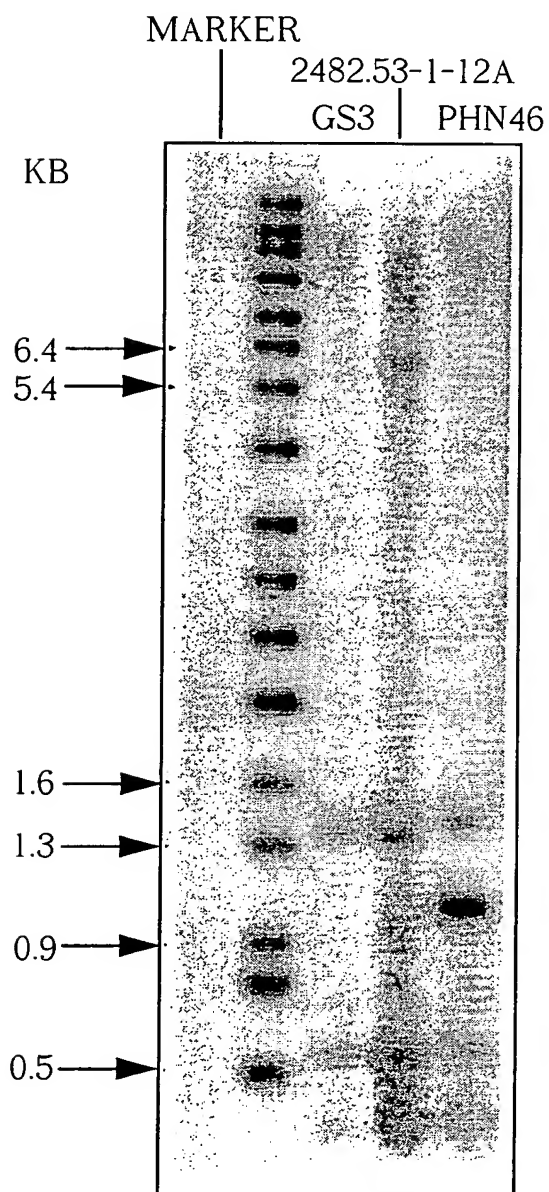


FIG. 5

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| | |
|---------------|--|
| JR451 | TCGCGTCACA TTCAGAGTTA TGGTTACTTG CTGCTGTGTC TACTGCTGTT |
| GS3 | ATTACTCG CTGCCGTGTC TACTGCTGTT |
| 2482.53-1-12B | T TACTTG CTGCTGTGTC TACTGCTGTT |
| PHN46 | T TACTTG CTGCTGTGTC TACTGCTGTT |
| | TCGCGTCACA TTCAGAGTTA TGRTTACTTG CTGCTGTGTC TACTGCTGTT |
| | . . . |
| JR451 | GCTTTTCCAT TGCCATGCTT TGCTGCCGAT GACGAGGATG ATGTTGAGCT |
| GS3 | GCTTTTCCAT TGCCATGCTT TGCTGCCGAC GACAAGGATG ATGTTGAGCT |
| 2482.53-1-12B | GCTTTTCCAT TGCCATGCTT TGCTGCCGAT GACGAGGATG ATGTTGAGCT |
| PHN46 | GCTTTTCCAT TGCCATGCTT TGCTGCCGAT GACGAGGATG ATGTTGAGCT |
| | GCTTTTCCAT TGCCATGCTT TGCTGCCGAT GACGAGGATG ATGTTGAGCT |
| | . . . |
| JR451 | CCACCATGTT GGCTCGCTTG AAGACCACCG CTGCCCGTGG TATGCTGCCA |
| GS3 | CCACCATGTT GGCTCGCTTG TAGACCACCG CTGCCCGTGG TATGCTGCCA |
| 2482.53-1-12B | CCACCATGTT GGCTCGCTTG AAGACCACCG CTGCCCGTGG TATGCTGCCA |
| PHN46 | CCACCATGTT GGCTCGCTTG AAGACCACCG CTGCCCGTGG TATGCTGCCA |
| | CCACCATGTT GGCTCGCTTG AAGACCACCG CTGCCCGTGG TATGCTGCCA |
| | . . . |
| JR451 | TGCCTCCTCT TCCAAGTGGT GGTAATACGC CACCGCTGCT CTGCTCTAAT |
| GS3 | TGCCTCCTCT TCCAAGTGGT GGAATACGC CACAGCTACT CT::: AAT |
| 2482.53-1-12B | TGCCTCCTCT TCCAAGTGGT GGTAATACGC CACCGCTGCT CTGCTCTAAT |
| PHN46 | TGCCTCCTCT TCCAAGTGGT GGTAATACGC CACCGCTGCT CTGCTCTAAT |
| | TGCCTCCTCT TCCAAGTGGT GGTAATACGC CACCGCTGCT CTGCTCTAAT |
| | |
| JR451 | GGGCGAGGTG GGCCTGGTT CGTCTGCTAC TAGGGTTGGC TGT TTTGGTG |
| GS3 | GGGCAAGGCG GGCCTGGTT TGCTGCTGC TAGGGTTGGC TGT TTTGGTG |
| 2482.53-1-12B | GGGCGAGGTG GGCCTGGTT CGTCTGCTAC TAGGGTTGGC TGT TTTGGTG |
| PHN46 | GGGCGAGGTG GGCCTGGTT CGTCTGCTAC TAGGGTTGGC TGT TTTGGTG |
| | GGGCGAGGTG GGCCTGGTT CGTCTGCTAC TAGGGTTGGC TGT TTTGGTG |
| | |
| JR451 | GGCTA |
| GS3 | GGTTGGGCA TGAGAATTAT GCACTGGGCC AATAGAAGAG CTCTTCAC |
| 2482.53-1-12B | GGCTAGGCCG TGAGAATTAT GAACTGGGCA GATAGAAGAG CTCTTCAC |
| PHN46 | GGCTAGGCCG TGAGAATTAT GAACTGGGCA GATAGAAGAG CTCTTCAC |
| | GGCTAGGCCG TGAGAATTAT GAACTGGGCA GATAGAAGAG CTCTTCAC |
| | |

Fig. 6

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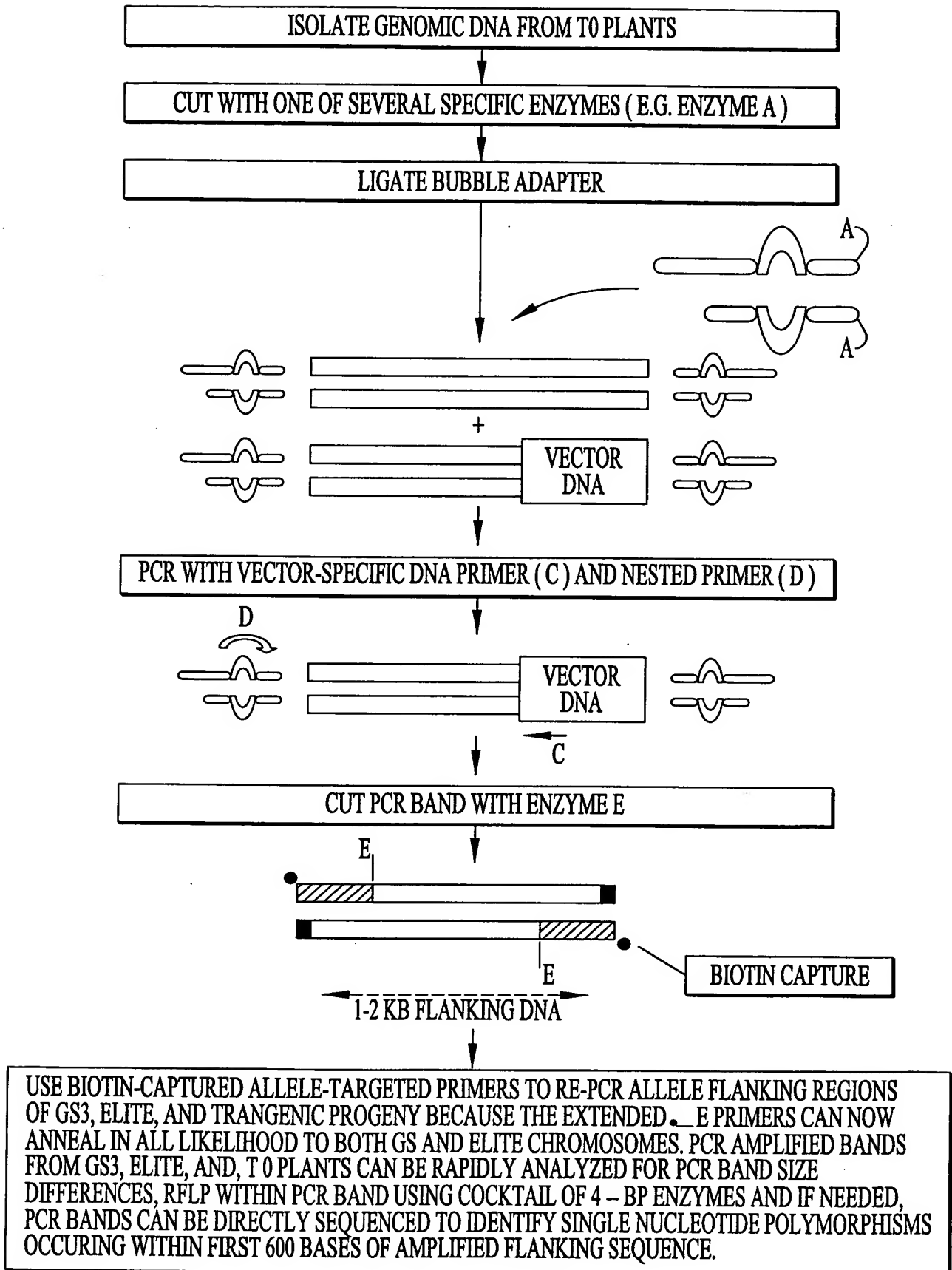


FIG. 7